



1631

PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission	612,404-244
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ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration <input type="checkbox"/> Assignment & PTO 1595 <input type="checkbox"/> Sequence Listing - Paper Copy <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) Response to Notice of Non- Compliant Amendment 2) Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	O'Melveny & Myers LLP		
Signature			
Printed name	David B. Murphy		
Date	5-3-06	Reg. No.	31,125

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Denise N. Doss	Date	5-3-06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent

Attorney Docket: 612,404-244

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Michael J. Heller et al.

Serial No.: 09/128,718

Filed: August 4, 1998

For: METHODS AND APPARATUS FOR
ELECTRONIC SYNTHESIS OF MOLECULAR
STRUCTURES

Group Art Unit: 1631

Examiner: Marjorie Moran

RESPONSE TO NOTICE OF NON-COMPLAINT AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

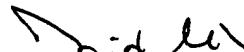
Sir:

In response to the Notice of Non-Complaint Amendment dated April 12, 2006, enclosed please find a revised Amendment and Response which sets forth a complete listing of all of the claims. If minor matters remain, the undersigned requests that he be contacted by telephone at (949) 823-6960.

Respectfully submitted,

O'MELVENY & MYERS LLP

By:


David B. Murphy
Reg. No. 31,125

Dated: 5/31/06

DBM/dnd

34263

PATENT TRADEMARK OFFICE

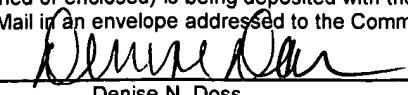
O'Melveny & Myers LLP
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(949) 760-9600

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Denise N. Doss



Patent
Attorney Docket: 612,404-244

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Group Art Unit: 1631

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AMENDMENT AND RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on December 2, 2005, please enter the following amendments.

Amendments to the Claims begin on page 2 of this paper.

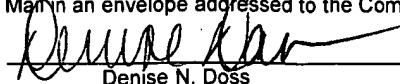
Remarks begin on page 4 of this paper.

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5-3-06


Denise N. Doss